



942,884

14017-1

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

PAUL, Phillip H. et al.

Serial No.: 09/942,884

Filed: August 29, 2001

For: ELECTROSMOTIC FLOW  
CONTROLLERGroup Art Unit: ~~To be Assigned~~Examiner: ~~To Be Assigned~~

Pasadena, California

## SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents  
Washington, D. C. 20231

Dear Sir:

Attached hereto is one PTO-1449 form listing documents believed relevant to the subject application. It is respectfully requested that these documents be considered by the Examiner and an initialed copy of each form be returned to the undersigned.

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE  
U.S. POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO:  
ASSISTANT COMMISSIONER FOR PATENTS,  
WASHINGTON, D. C. 20231 ON AUGUST 16, 2002

BY: ELAINE PORTER

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It is believed that this disclosure complies with the requirements of 37 C.F.R. 1.56 and the Manual of Patent Examining Procedures Section 707.05 (b). If for some reason the Examiner considers otherwise, it is respectfully requested that the undersigned be called so that any deficiencies can be remedied.

A copy of each document is enclosed. Some of the documents may have markings thereon. No significance is meant to be attached to the markings. These documents are not necessarily analogous art.

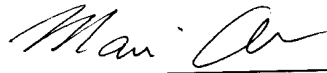
This Supplemental Information Disclosure Statement is submitted before the filing of a first Office Action on the Merits. Therefore, no fee is believed due in connection with this communication. However, if it is determined that a fee is due, the Commissioner is hereby authorized to charge payment of any fees to Deposit Account No. 19-2090.

Respectfully submitted,

SHELDON & MAK  
a Professional Corporation

Date: August 16, 2002

By



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626/796-4000

Docket Number (Optional)

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## INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

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Applicant(s)

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## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	3,143,691	08/04/1964	R.M. Hurd	317	231	
	AB	3,427,978	02/18/1969	R.G. Hanneman et al.	103	1	
	AC	5,942,093	08/24/1999	Rakestraw et al.	204	450	
	AD	6,068,767	05/30/2000	Garguilo et al.	210	198.2	
	AE	6,086,243	07/11/2000	Paul et al.	366	273	
	AF	6,277,257 B1	08/21/2001	Paul et al.	204	450	
	AG						
	AH						
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	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
AL	WO 00/04832	02/02/2000	PCT				
AM							
AN							
AO							
AP							

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AQ	Ananthakrishnan, V. et al., "Laminar Dispersion in Capillaries: Part I. Mathematical Analysis," <u>A.I.Ch.E. Journal</u> , 11(6):1063-1072 (November 1965)
AR	Aris, R., "On the dispersion of a solute in a fluid flowing through a tube," Oxidation of organic sulphides. VI, <u>Proc. Roy. Soc. (London)</u> , 235A:67-77
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DATE CONSIDERED	

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P09A/REV04

Patent and Trademark Office \* U.S. DEPARTMENT OF COMMERCE

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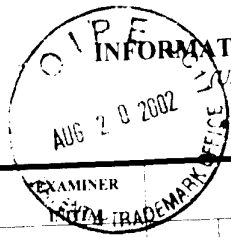
- |    |  |
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| AA | Burgreen, D. et al., "Electrokinetic Flow in Ultrafine Capillary Slits," <u>The Journal of Physical Chemistry</u> , 68:(5) 1084-1091 (May 1964)  |
| AB | Chatwin, P.C. et al., "The effect of aspect ratio on longitudinal diffusivity in rectangular channels," <u>J. Fluid Mech.</u> , 120:347-358 (1982)   |
| AC | Doshi, Mahendra R. et al., "Three Dimensional Laminar Dispersion in Open and Closed Rectangular Conduits," <u>Chemical Engineering Science</u> , 33:795-804 (1978)   |
| AD | Drott, J. et al., "Porous silicon as the carrier matrix in microstructured enzyme reactors yielding high enzyme activities," <u>J. Micromech. Microeng.</u> 7:14-23 (1997)   |
| AE | Jessensky O. et al., "Self-Organized Formation of Hexagonal Pore Structures in Anodic Alumina," <u>J. Electrochem. Soc.</u> 145(11) :3735-3740 (November 1998)   |
| AF | Johnson, David Linton et al., "New Pore-Size Parameter Characterizing Transport in Porous Media," <u>Physical Review Letters</u> , 57(20):2564-2567 (17 November 1986)   |
| AG | Johnson, David Linton et al., "Theory of dynamic permeability and tortuosity in fluid-saturated porous media," <u>J. Fluid Mech.</u> 176:379-402 (1987)  |
| AH | Johnson, David Linton et al., "Dependence of the conductivity of a porous medium on electrolyte conductivity," <u>Physical Review Letters</u> , 37(7):3502-3510 (1 March 1988)   |
| AI | Ma, Ying et al., "A review of zeolite-like porous materials," <u>Microporous and Mesoporous Materials</u> , 37:243-252 (2000)  |
| AJ | Nakanishi, Kazuki et al., "Phase separation in silica sol-gel system containing polyacrylic acid, I. Gel formation behavior and effect of solvent composition," <u>Journal of Crystalline Solids</u> , 139:1-13 (1992) |
| AK | Peters, Eric C. et al., "Molded Rigid Polymer Monoliths as Separation Media for Capillary Electrochromatography," <u>Anal. Chem.</u> , 69:3646-3649 (1997)   |
| AL | Philippe, Albert P., "Solid opaline packings of colloidal silica spheres," <u>Journal of Materials Science Letters</u> , 8:1371-1373 (1989)  |

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## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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| AA | Rice, C. L. et al., "Electrokinetic Flow in a Narrow Cylindrical Capillary," <u>The Journal of Physical Chemistry</u> , 69(11):4017-4023 (November 1966)                            |
| AB | Rosen, Milton J., "2. Adsorption of Surface-Active Agents at Interfaces: The Electrical Double Layer," <u>Surfactants and Interfacial Phenomena</u> , Second Ed., John Wiley & Sons |
| AC | Taylor, Geoffrey, "Dispersion of soluble matter in solvent flowing slowly through a tube," <u>Proc. Roy. Soc. (London)</u> 21:186-203   |
| AD | Weston, Andrea et al., "Chapter 3 Instrumentation for High-Performance Liquid Chromatography," <u>HPLC and CE, Principles and Practice</u> , pp. 82-85, Academic Press              |
| AE | Wijnhoven, Judith et al., "Preparation of Photonic Crystals Made of Air Spheres in Titania," <u>Science</u> , 281:802-804 (7 August 1998)   |
| AF | Yazawa, T., "Present Status and Future Potential of Preparation of Porous Glass and its Application," <u>Key Engineering Materials</u> , 115:125-146 (1995)                         |
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